

```
PPPPPPPPPPPP  AAAA AAA  SSSSSSSSSSSS  RRRRRRRRRRRR  TTTTTTTTTTTTTT  LLL
PPPPPPPPPPPP  AAAA AAA  SSSSSSSSSSSS  RRRRRRRRRRRR  TTTTTTTTTTTTTT  LLL
PPPPPPPPPPPP  AAAA AAA  SSSSSSSSSSSS  RRRRRRRRRRRR  TTTTTTTTTTTTTT  LLL
PPP  PPP  AAA  AAA  SSS  RRR  RRR  TTT  LLL
PPP  PPP  AAA  AAA  SSS  RRR  RRR  TTT  LLL
PPP  PPP  AAA  AAA  SSS  RRR  RRR  TTT  LLL
PPP  PPP  AAA  AAA  SSS  RRR  RRR  TTT  LLL
PPP  PPP  AAA  AAA  SSS  RRR  RRR  TTT  LLL
PPPPPPPPPPPP  AAA  AAA  SSSSSSSSSS  RRRRRRRRRRRR  TTT  LLL
PPPPPPPPPPPP  AAA  AAA  SSSSSSSSSS  RRRRRRRRRRRR  TTT  LLL
PPPPPPPPPPPP  AAA  AAA  SSSSSSSSSS  RRRRRRRRRRRR  TTT  LLL
PPP  AAAA AAA  SSS  RRR  RRR  TTT  LLL
PPP  AAAA AAA  SSS  RRR  RRR  TTT  LLL
PPP  AAAA AAA  SSS  RRR  RRR  TTT  LLL
PPP  AAA  AAA  SSS  RRR  RRR  TTT  LLL
PPP  AAA  AAA  SSS  RRR  RRR  TTT  LLL
PPP  AAA  AAA  SSS  RRR  RRR  TTT  LLL
PPP  AAA  AAA  SSSSSSSSSS  RRR  RRR  TTT  LLLLLLLLLLLLLLLL
PPP  AAA  AAA  SSSSSSSSSS  RRR  RRR  TTT  LLLLLLLLLLLLLLLL
PPP  AAA  AAA  SSSSSSSSSS  RRR  RRR  TTT  LLLLLLLLLLLLLLLL
```

```

PPPPPPPP      AAAAAA      SSSSSSSS  WW      WW  RRRRRRRR      I I I I I      RRRRRRRR      EEEEEEEEEEE  FFFFFFFFFF
PPPPPPPP      AAAAAA      SSSSSSSS  WW      WW  RRRRRRRR      I I I I I      RRRRRRRR      EEEEEEEEEEE  FFFFFFFFFF
PP      PP  AA      AA  SS      WW      WW  RR      RR      I I      RR      EE      FF
PP      PP  AA      AA  SS      WW      WW  RR      RR      I I      RR      EE      FF
PP      PP  AA      AA  SS      WW      WW  RR      RR      I I      RR      EE      FF
PP      PP  AA      AA  SS      WW      WW  RR      RR      I I      RR      EE      FF
PPPPPPPP      AA      AA  SSSSSS  WW      WW  RRRRRRRR      I I      RRRRRRRR      EEEEEEEEEEE  FFFFFFFFFF
PPPPPPPP      AA      AA  SSSSSS  WW      WW  RRRRRRRR      I I      RRRRRRRR      EEEEEEEEEEE  FFFFFFFFFF
PP      AAAAAAAAAA      SS  WW      WW  WW  RR      RR      I I      RR      EE      FF
PP      AAAAAAAAAA      SS  WW      WW  WW  RR      RR      I I      RR      EE      FF
PP      AA      AA  SS      WWW  WWW  RR      RR      I I      RR      EE      FF
PP      AA      AA  SS      WWW  WWW  RR      RR      I I      RR      EE      FF
PP      AA      AA  SSSSSSSS  WW      WW  RR      RR      I I I I I      RR      EEEEEEEEEEE  FFFFFFFFFF
PP      AA      AA  SSSSSSSS  WW      WW  RR      RR      I I I I I      RR      EEEEEEEEEEE  FFFFFFFFFF

```

```

LL      I I I I I      SSSSSSSS
LL      I I I I I      SSSSSSSS
LL      I I      SS
LL      I I      SS
LL      I I      SS
LL      I I      SS
LL      I I      SSSSSS
LL      I I      SSSSSS
LL      I I      SS
LL      I I      SS
LL      I I      SS
LL      I I      SS
LL      I I      SS
LLLLLLLLLLLL  I I I I I      SSSSSSSS
LLLLLLLLLLLL  I I I I I      SSSSSSSS

```



```
1 0001 0 MODULE PASSWRITE_REALE_F.( %TITLE 'Write an F_floating in E format'
2 0002 0 IDENT = '1-002' ! File: PASWRIREF.B32 Edit: SBL1002
3 0003 0 ) =
4 0004 1 BEGIN
5 0005 1
6 0006 1 *****
7 0007 1 *
8 0008 1 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
9 0009 1 * DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.
10 0010 1 * ALL RIGHTS RESERVED.
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12 0012 1 * THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED
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24 0024 1 * SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
25 0025 1 *
26 0026 1 *
27 0027 1 *****
28 0028 1
29 0029 1
30 0030 1 ++
31 0031 1 FACILITY: Pascal Language Support
32 0032 1
33 0033 1 ABSTRACT:
34 0034 1
35 0035 1 This module contains a procedure which writes an F_floating in
36 0036 1 exponential format to a textfile.
37 0037 1
38 0038 1 ENVIRONMENT: User mode - AST reentrant
39 0039 1
40 0040 1 AUTHOR: Steven B. Lionel, CREATION DATE: 1-April-1981
41 0041 1
42 0042 1 MODIFIED BY:
43 0043 1
44 0044 1 1-001 - Original. SBL 1-April-1981
45 0045 1 1-002 - Make total-width a longword. SBL 30-June-1982
46 0046 1 --
47 0047 1
```

PASSWRITE_REALE Write an F floating in E format
1-002 Declarations

H 4
16-Sep-1984 02:22:17
14-Sep-1984 12:52:06

VAX-11 Bliss-32 V4.0-742
[PASRTL.SRC]PASWRITE.REF.B32;1

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(2)

```

: 49      0048 1 %SBTTL 'Declarations'
: 50      0049 1
: 51      0050 1 PROLOGUE DEFINITIONS:
: 52      0051 1
: 53      0052 1
: 54      0053 1 REQUIRE 'RTLIN:PASPROLOG';
: 55      0117 1 ! Externals, linkages, PSECTs, structures
: 56      0118 1
: 57      0119 1 TABLE OF CONTENTS:
: 58      0120 1
: 59      0121 1
: 60      0122 1 FORWARD ROUTINE
: 61      0123 1 PASSWRITE_REALE F: NOVALUE,
: 62      0124 1 PASSWRITEV_REALE_F: NOVALUE;
: 63      0125 1 ! Write to textfile
: 64      0126 1 ! Write to string
: 65      0127 1
: 66      0128 1 MACROS:
: 67      0129 1 NONE
: 68      0130 1
: 69      0131 1 EQUATED SYMBOLS:
: 70      0132 1
: 71      0133 1 NONE
: 72      0134 1
: 73      0135 1 FIELDS:
: 74      0136 1
: 75      0137 1 NONE
: 76      0138 1
: 77      0139 1 OWN STORAGE:
: 78      0140 1
: 79      0141 1 NONE
: 80      0142 1
```



```

82 0143 1 XSBTTL 'PASSWRITE REALE F - Write F_floating in E format to textfile'
83 0144 1 GLOBAL ROUTINE PASSWRITE_REALE_F (
84 0145 1     PFV: REF $PASSPFV_FILE_VARIABLE,      ! File variable
85 0146 1     VALUE,                               ! Value to write
86 0147 1     TOTAL_WIDTH: SIGNED,                 ! Total field width
87 0148 1     ERROR                                ! Error unwind address
88 0149 1 ): NOVALUE =
89 0150 1
90 0151 1 ++
91 0152 1 FUNCTIONAL DESCRIPTION:
92 0153 1
93 0154 1     This procedure writes an F_floating value in exponential notation
94 0155 1     to the specified textfile.
95 0156 1
96 0157 1 CALLING SEQUENCE:
97 0158 1
98 0159 1     CALL PASSWRITE_REALE_F (PFV.mr.r, VALUE.rf.v, TOTAL_WIDTH.rl.v
99 0160 1     [ERROR.j.r])
100 0161 1
101 0162 1 FORMAL PARAMETERS:
102 0163 1
103 0164 1     PFV          - The Pascal File Variable (PFV) passed by reference.
104 0165 1                 The structure of the PFV is defined in PASPFV.REQ.
105 0166 1
106 0167 1     VALUE       - The F_floating value to write.
107 0168 1
108 0169 1     TOTAL_WIDTH  - Total field width.
109 0170 1
110 0171 1     ERROR       - Optional. Address to unwind to if an error occurs.
111 0172 1
112 0173 1 IMPLICIT INPUTS:
113 0174 1
114 0175 1     NONE
115 0176 1
116 0177 1 IMPLICIT OUTPUTS:
117 0178 1
118 0179 1     NONE
119 0180 1
120 0181 1 ROUTINE VALUE:
121 0182 1
122 0183 1     NONE
123 0184 1
124 0185 1 SIDE EFFECTS:
125 0186 1
126 0187 1     If the file is the standard file OUTPUT, it is implicitly opened.
127 0188 1
128 0189 1 SIGNALLED ERRORS:
129 0190 1
130 0191 1     LINTOOLON - line too long
131 0192 1     NEGWIDDIG - negative Width or Digits specification is not allowed
132 0193 1
133 0194 1 --
134 0195 1
135 0196 2 BEGIN
136 0197 2
137 0198 2 LOCAL
138 0199 2     FCB: REF $PASSFCB_CONTROL_BLOCK,      ! File control block
  
```

```

139 0200 2 FIELD WIDTH: SIGNED, ! Minimum width
140 0201 2 REMAINING_WIDTH, ! Width remaining on line
141 0202 2 PFV_ADDR: VOLATILE, ! Enable argument
142 0203 2 UNWIND_ACT: VOLATILE, ! Enable argument
143 0204 2 ERROR_ADDR: VOLATILE; ! Enable argument
144 0205 2
145 0206 2 BUILTIN
146 0207 2 ACTUALCOUNT;
147 0208 2
148 0209 2 ENABLE
149 0210 2 PASS$IO_HANDLER (PFV_ADDR, UNWIND_ACT, ERROR_ADDR); ! Enable error handler
150 0211 2
151 0212 2 !+
152 0213 2 ! Get ERROR parameter, if present.
153 0214 2 !-
154 0215 2
155 0216 2 IF ACTUALCOUNT () GEQU 4
156 0217 2 THEN
157 0218 2 ERROR_ADDR = .ERROR; ! Set unwind address
158 0219 2
159 0220 2 PFV_ADDR = PFV [PFV$R_PFV]; ! Set PFV address
160 0221 2
161 0222 2 !+
162 0223 2 ! Validate PFV and get PFV.
163 0224 2 !-
164 0225 2
165 0226 2 PASS$VALIDATE_PFV (PFV [PFV$R_PFV]; FCB);
166 0227 2
167 0228 2 !+
168 0229 2 ! Set unwind action to unlock file.
169 0230 2 !-
170 0231 2
171 0232 2 UNWIND_ACT = PASS$K_UNWIND_UNLOCK;
172 0233 2
173 0234 2 !+
174 0235 2 ! Do common initialization.
175 0236 2 !-
176 0237 2
177 0238 2 PASS$INIT_WRITE (PFV [PFV$R_PFV], FCB [FCB$R_FCB]; FCB);
178 0239 2
179 0240 2 !+
180 0241 2 ! Get field width and remaining width. Check for valid field width.
181 0242 2 !-
182 0243 2
183 0244 2 FIELD_WIDTH = .TOTAL_WIDTH;
184 0245 2 IF .FIELD_WIDTH LSS 0
185 0246 2 THEN
186 0247 2 $PASSIO_ERROR (PASS$NEGWIDDIG, 0);
187 0248 2 REMAINING_WIDTH = .FCB [FCB$A_RECORD_END] - .FCB [FCB$A_RECORD_CUR];
188 0249 2
189 0250 2 !+
190 0251 2 ! Convert to text and put in record buffer. If failure, signal an error.
191 0252 2 ! FIELD_WIDTH will be modified to have the actual width used.
192 0253 2 !-
193 0254 2
194 0255 2 IF NOT PASS$CVT_F_T (VALUE, ! Value to convert
195 0256 2 .FCB [FCB$A_RECORD_CUR], ! Destination

```



```

196      0257 2
197      0258 2
198      0259 2
199      0260 2
200      0261 2
201      0262 2
202      0263 2
203      0264 2
204      0265 2
205      0266 2
206      0267 2
207      0268 2
208      0269 2
209      0270 2
210      0271 2
211      0272 2
212      0273 2
213      0274 2
214      0275 2
215      0276 2
216      0277 1

      FIELD_WIDTH,      ! Minimum/actual width
      .REMAINING_WIDTH) ! Width remaining on line
THEN
  SPASSIO_ERROR (PASS_LINTOOLON,1,(.FIELD_WIDTH-.REMAINING_WIDTH));

  !+
  ! Advance the record pointer.
  !-

  FCB [FCB$A_RECORD_CUR] = .FCB [FCB$A_RECORD_CUR] + .FIELD_WIDTH;

  !+
  ! Call WRITE epilogue routine to move the last character written to the
  ! user's buffer and to unlock the file variable.
  !-

  PASS$END_WRITE (PFV [PFV$R_PFV], FCB [FCB$R_FCB]);

  RETURN;

END;

```

! End of routine PASSWRITE_REALE_F

.TITLE PASSWRITE_REALE_F Write an F floating in E form
 at

.IDENT \1-002\

.EXTRN PASSWRITE_REALE_F
 .EXTRN PASSWRITE_REALE_F
 .EXTRN PASS\$IO_HANDLER
 .EXTRN PASS\$VACIDATE_PFV
 .EXTRN PASS\$INIT_WRITE
 .EXTRN PASS\$SIGNAL, PASS\$K_NEGWIDDIG
 .EXTRN PASS\$CVT_F_T, PASS\$K_LINTOOLON
 .EXTRN PASS\$END_WRITE

.PSECT _PASSCODE,NOWRT, SHR, PIC,2

.ENTRY PASSWRITE_REALE_F, Save R2,R3,R4,R5,R6,R7,- ; 0144
 R8
 MOVAB PASS\$SIGNAL, R8
 SUBL2 #16, SP
 CLRQ ERROR_ADDR ; 0196
 CLRL PFV_ADDR
 MOVAL 4\$,-(FP)
 CMPB (AP), #4 ; 0216
 BLSSU 1\$
 MOVL ERROR, ERROR_ADDR ; 0218
 MOVL PFV, R6 ; 0220
 MOVL R6, PFV_ADDR
 JSB PASS\$VACIDATE_PFV ; 0226
 MOVL #1, UNWIND_ACT ; 0232
 JSB PASS\$INIT_WRITE ; 0238
 MOVL TOTAL_WIDTH, FIELD_WIDTH ; 0244
 BGEQ 2\$; 0245
 CLRL -(SP) ; 0247
 MOVZBL #PASS\$K_NEGWIDDIG, -(SP)

01FC 00000
 58 00000000G 00 9E 00002
 5E 10 C2 00009
 04 AE 7C 0000C
 0C AE D4 0000F
 6D 0067 CF DE 00012
 04 6C 91 00017
 05 1F 0001A
 04 AE 10 AC D0 0001C
 56 04 AC D0 00021 1\$:
 0C AE 56 D0 00025
 08 AE 00000000G 00 16 00029
 AE 01 D0 0002F
 00000000G 00 16 00033
 6E 0C AC D0 00039
 0A 18 0003D
 7E D4 0003F
 00G 8F 9A 00041

	68		02	FB	00045	CALLS	#2, PASS\$SIGNAL	:	
				04	00048	RET		:	
52	F0	A7	EC	A7	C3 00049	2\$:	SUBL3	-20(FCB), -16(FCB), REMAINING_WIDTH	0248
				52	DD 0004F		PUSHL	REMAINING_WIDTH	0258
			04	AE	9F 00051		PUSHAB	FIELD_WIDTH	0255
			EC	A7	DD 00054		PUSHL	-20(FCB)	0256
			08	AC	9F 00057		PUSHAB	VALUE	0255
00000000G	00			04	FB 0005A		CALLS	#4, PASS\$CVT_F_T	
	0E			50	E8 00061		BLBS	R0, 3\$	
7E	6E			52	C3 00064		SUBL3	REMAINING_WIDTH, FIELD_WIDTH, -(SP)	0260
				01	DD 00068		PUSHL	#1	
	7E		00G	8F	9A 0006A		MOVZBL	#PASS\$K_LINTOOLON, -(SP)	
	68			03	FB 0006E		CALLS	#3, PASS\$SIGNAL	
					04 00071		RET		
		EC	A7	6E	C0 00072	3\$:	ADDL2	FIELD_WIDTH, -20(FCB)	0266
				00	16 00076		JSB	PASS\$END_WRITE	0273
					04 0007C		RET		0277
					0000 0007D	4\$:	.WORD	Save nothing	0196
	50		08	AC	D0 0007F		MOVL	8(AP), R0	
	50		04	A0	D0 00083		MOVL	4(R0), R0	
			F4	A0	9F 00087		PUSHAB	ERROR_ADDR	
			F8	A0	9F 0008A		PUSHAB	UNWIND_ACT	
			FC	A0	9F 0008D		PUSHAB	PFV_ADDR	
				03	DD 00090		PUSHL	#3	
				5E	DD 00092		PUSHL	SP	
	7E		04	AC	7D 00094		MOVQ	4(AP), -(SP)	
00000000G	00			03	FB 00098		CALLS	#3, PASS\$IO_HANDLER	
					04 0009F		RET		

; Routine Size: 160 bytes, Routine Base: _PASS\$CODE + 0000

; 217 0278 1
 ; 218 0279 1 !<BLF/PAGE>


```

220 0280 1 %SBTTL 'PASSWRITEV REALE F - Write F_floating in E format to string'
221 0281 1 GLOBAL ROUTINE PASSWRITEV_REALE_F (
222 0282 1     MAX_LENGTH: WORD,                                ! Maximum length of string
223 0283 1     STRING_LINE: REF VECTOR [, WORD],              ! String to write to
224 0284 1     VALUE,                                          ! Value to write
225 0285 1     TOTAL_WIDTH: SIGNED,                            ! Total field width
226 0286 1     ERROR                                           ! Error unwind address
227 0287 1 ) : NOVALUE =
228 0288 1
229 0289 1 ++
230 0290 1 FUNCTIONAL DESCRIPTION:
231 0291 1
232 0292 1     This procedure writes an F_floating in E format
233 0293 1     to the specified string.
234 0294 1
235 0295 1 CALLING SEQUENCE:
236 0296 1
237 0297 1     CALL PASSWRITEV_REALE_F (MAX_LENGTH.rw.v, STRING_LINE.wvt.r,
238 0298 1     VALUE.rf.v, TOTAL_WIDTH.r[v [, ERROR.j.r])
239 0299 1
240 0300 1 FORMAL PARAMETERS:
241 0301 1
242 0302 1     MAX_LENGTH      - The maximum length of STRING_LINE.
243 0303 1
244 0304 1     STRING_LINE    - A varying string to which the output will be appended.
245 0305 1
246 0306 1     VALUE          - The value to write.
247 0307 1
248 0308 1     TOTAL_WIDTH    - The width of the field to write.
249 0309 1
250 0310 1     ERROR        - Optional. If specified, the address to unwind to
251 0311 1                     in case of an error.
252 0312 1
253 0313 1 IMPLICIT INPUTS:
254 0314 1
255 0315 1     NONE
256 0316 1
257 0317 1 IMPLICIT OUTPUTS:
258 0318 1
259 0319 1     NONE
260 0320 1
261 0321 1 ROUTINE VALUE:
262 0322 1
263 0323 1     NONE
264 0324 1
265 0325 1 SIDE EFFECTS:
266 0326 1
267 0327 1     NONE
268 0328 1
269 0329 1 SIGNALLED ERRORS:
270 0330 1
271 0331 1     See PASSWRITE_REALE_F
272 0332 1
273 0333 1 --
274 0334 1
275 0335 2 BEGIN
276 0336 2

```

```

277 0337 2 LOCAL
278 0338 2 PFV: $PASSPFV FILE VARIABLE, ! Pascal File Variable
279 0339 2 ARG_LIST: VECTOR [4, LONG], ! Argument list
280 0340 2 PFV_ADDR: VOLATILE, ! Enable argument
281 0341 2 UNWIND_ACT: VOLATILE, ! Enable argument
282 0342 2 ERROR_ADDR: VOLATILE; ! Enable argument
283 0343 2
284 0344 2 BUILTIN
285 0345 2 ACTUALCOUNT; ! Count of arguments
286 0346 2
287 0347 2 ENABLE
288 0348 2 PASS$IO_HANDLER (PFV_ADDR, UNWIND_ACT, ERROR_ADDR); ! Enable error handler
289 0349 2
290 0350 2 !+
291 0351 2 ! Get ERROR parameter, if present.
292 0352 2 !-
293 0353 2
294 0354 2 IF ACTUALCOUNT () GEQU 5
295 0355 2 THEN
296 0356 2 ERROR_ADDR = .ERROR; ! Set unwind address
297 0357 2
298 0358 2 PFV_ADDR = PFV [PFV$R_PFV]; ! Set PFV address
299 0359 2
300 0360 2 !+
301 0361 2 ! Set up ARG_LIST.
302 0362 2 !-
303 0363 2
304 0364 2 ARG_LIST [0] = 3; ! Three arguments
305 0365 2 ARG_LIST [1] = PFV [PFV$R_PFV]; ! PFV address
306 0366 2 ARG_LIST [2] = .VALUE; ! Value to write
307 0367 2 ARG_LIST [3] = .TOTAL_WIDTH; ! Field width
308 0368 2
309 0369 2 !+
310 0370 2 ! Call PASS$DO_WRITEV to do the work, giving it the address of
311 0371 2 ! PASSWRITE_REALE_F to call.
312 0372 2 !-
313 0373 2
314 0374 2 PASS$DO_WRITEV (PFV [PFV$R_PFV], .MAX_LENGTH, STRING_LINE [0], ARG_LIST,
315 0375 2 PASSWRITE_REALE_F);
316 0376 2
317 0377 2 RETURN;
318 0378 2
319 0379 1 END; ! End of routine PASSWRITEV_REALE_F

```

				.EXTRN PASS\$DO_WRITEV	
			007C 00000	.ENTRY PASSWRITEV_REALE_F, Save R2,R3,R4,R5,R6	: 0281
5E		28	C2 00002	SUBL2 #40, SP	: 0335
		7E	D4 00005	CLRL ERROR_ADDR	
	04	AE	7C 00007	CLRQ UNWIND_ACT	
6D	0039	CF	DE 0000A	MOVAL 2\$, (FP)	
05		6C	91 0000F	CMPB (AP), #5	: 0354
		04	1F 00012	BLSSU 1\$	
6E	14	AC	D0 00014	MOVL ERROR, ERROR_ADDR	: 0356
08	AE	1C	AE 9E 00018 1\$:	MOVAB PFV, PFV_ADDR	: 0358

PASSWRITE_REALE Write an F_floating in E format
1-002

PASSWRITEV_REALE_F - Write F_floating in E form

B 5
16-Sep-1984 02:22:17
14-Sep-1984 12:52:06

VAX-11 Bliss-32 V4.0-742
[PASRTL.SRC]PASWRIREF.B32;1

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```

0C AE      03 D0 0001D
10 AE      AE 9E 00021
14 AE      AC 7D 00026
    FF31    CF 9E 0002B
    0C      AE 9E 00030
    1C      AE 9E 00034
    08      AC D0 00038
    04      AC 3C 0003C
00000000G 00 16 00040
           04 00046
           0000 00047 2$:
    50      08 AC D0 00049
    50      04 AO D0 0004D
           D4 AO 9F 00051
           D8 AO 9F 00054
           DC AO 9F 00057
           03 DD 0005A
           5E DD 0005C
           04 AC 7D 0005E
00000000G 00 03 FB 00062
           04 00069

```

```

MOVL #3, ARG_LIST
MOVAB PFV, ARG_LIST+4
MOVQ VALUE, ARG_LIST+8
MOVAB PASSWRITE_REALE_F, R5
MOVAB ARG_LIST, R4
MOVAB PFV, R6
MOVL STRING LINE, R3
MOVZWL MAX_LENGTH, R2
JSB PASS$DO_WRITEV
RET
.WORD Save nothing
MOVL 8(AP), R0
MOVL 4(R0), R0
PUSHAB ERROR_ADDR
PUSHAB UNWIND_ACT
PUSHAB PFV_ADDR
PUSHL #3
PUSHL SP
MOVQ 4(AP), -(SP)
CALLS #3, PASS$IO_HANDLER
RET

```

```

: 0364
: 0365
: 0366
: 0374
:
:
: 0379
: 0335
:
:
:
:
:
:
:
:
:
:

```

; Routine Size: 106 bytes, Routine Base: _PAS\$CODE + 00A0

```

; 320      0380 1
; 321      0381 1 !<BLF/PAGE>

```

PASSWRITE_REALE Write an F_floating in E format
1-002

PASSWRITEV_REALE_F - Write F_floating in E form

C 5
16-Sep-1984 02:22:17
14-Sep-1984 12:52:06

VAX-11 Bliss-32 V4.0-742
[PASRTL.SRC]PASWRIREF.B32;1

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(5)

: 323 0382 1 END
: 324 0383 1
: 325 0384 0 ELUDOM

! End of module PASSWRITE_REALE_F

PSECT SUMMARY

Name	Bytes	Attributes
_PASSCODE	266	NOVEC,NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC,ALIGN(2)

Library Statistics

File	----- Total	Symbols Loaded	----- Percent	Pages Mapped	Processing Time
_\$255\$DUA28:[SYSLIB]STARLET.L32;1	9776	0	0	581	00:01.0
_\$255\$DUA28:[PASRTL.OBJ]PASLIB.L32;1	427	97	22	33	00:00.4

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/NOTRACE/LIS=LIS\$:PASWRIREF/OBJ=OBJ\$:PASWRIREF MSRC\$:PASWRIREF/UPDATE=(ENH\$:PASWRIREF)

: 326 0385 0
: Size: 266 code + 0 data bytes
: Run Time: 00:07.0
: Elapsed Time: 00:18.1
: Lines/CPU Min: 3285
: Lexemes/CPU-Min: 12751
: Memory Used: 80 pages
: Compilation Complete

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